

Lightweight Maintenance Enclosure (LME)

DESCRIPTION

The Lightweight Maintenance Enclosure (LME) is a modular/expandable, frame supported, lightweight, quickly deployed, highly mobile maintenance shelter sized to allow performance of maintenance functions across the battlefield. The LME accommodates tracked vehicles, oversized-wheeled vehicles, and ground support equipment. The LME provides protection for personnel, vehicles, and equipment from the debilitating effects of continuous environmental exposure during maintenance/repair procedures in all climactic conditions. In addition, the LME provides blackout capability and reduced IR. The LME will replace the current maintenance shelters called Tent, Frame, Type, Maintenance Shelters and Tent, Maintenance, Shelter, Type.

PROCUREMENT PROFILE:	FY00	FY01
<i>Quantity:</i>	<i>282</i>	<i>94</i>

OPERATIONAL IMPACT

The LME is not designed to counter a specific threat. It gives rapid deploying and forward maintenance elements added capability while providing increased light discipline for night maintenance operations. The LME is approximately half the weight of the current maintenance shelters, is less bulky and requires less time with fewer Marines for set-up and strike facilitating maintenance unit mobility.

PROGRAM STATUS

Currently in Phase II; IOC scheduled for FY00; FOC scheduled for FY05.

DEVELOPER/MANUFACTURER:

Principal Design Activity - Natick Research and Development,
Boston, MA

Manufacturer - Camel Manufacturing Company, Garyville, TN